

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	3	"20020051071"	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/07 12:37
S2	14	"4841348"	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/07 12:38
S3	11	"5432551"	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/07 12:41
S4	2	"20040057719"	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/07 13:26
S5	729	pad WITH shift NEAR2 register	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 13:41
S6	153	pad WITH shift NEAR2 register AND CMOS	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/07 15:21
S7	18	"654905"	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/07 14:57

S8	2	"20020109075"	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/07 15:00
S9	15	"6549054"	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/07 15:00
S10	7	pad WITH vertical NEAR2 shift NEAR2 register AND CMOS	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/08 07:32
S11	28	((MASANORI) near2 (OGURA)).INV.	US-PGPUB; USPAT; USOOR	OR	ON	2007/08/01 15:32
S12	35	((FUMIHIRO) near2 (INUI)).INV.	US-PGPUB; USPAT; USOOR	OR	ON	2007/08/01 15:32
S13	20	((TETSUYA) near2 (ITANO)).INV.	US-PGPUB; USPAT; USOOR	OR	ON	2007/05/16 13:36
S14	42	(S11 OR S12 OR S13) AND (pad OR pins OR contact OR electrode OR lids)	US-PGPUB; USPAT; USOOR	OR	ON	2006/12/11 12:03
S15	44	(pad OR pins OR contact OR electrode OR lids) WITH vertical NEAR2 shift NEAR2 register AND CMOS	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/08 07:52
S16	769	(348/294).COLS.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/16 13:41
S17	439	(348/302).COLS.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/16 13:53
S19	64	(348/324).COLS.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/16 13:54

S21	460	(348/340).COLS.	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/16 13:51
S22	769	(348/294).COLS.	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/08 07:58
S23	958	(348/308).COLS.	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/16 13:54
S24	421	(348/311).COLS.	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/16 13:41
S26	1504	(257/291,292).OCLS.	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/16 13:43
S27	67	S26 AND (pad OR pins OR contact OR electrode OR lids) SAME shift NEAR2 register	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/08 08:00
S28	5	"5027322"	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/08 09:17
S29	17	("4271420"   "4286278"   "4322753"   "4336556"   "4499590"   "4665325"   "4665422"   "4714950").PN. OR (("4841348").URPN.	US_PGPUB; USPAT; USOOR	OR	ON	2006/12/08 09:23
S30	6	("5796380"   "5815223"   "5816677"   "6166792").PN. OR (("6476897").URPN.	US_PGPUB; USPAT; USOOR	OR	ON	2006/12/08 09:26

S31	152	("5461425"   "5471515"   "5491566"   "5541402"   "5576763"   "5600127"   "5608204"   "5670817").PN. OR ("5841126").URPN.	US_PGPUB; USPAT; USOOR	OR	ON	2006/12/08 09:31
S32	152	("5461425"   "5471515"   "5491566"   "5541402"   "5576763"   "5600127"   "5608204"   "5670817").PN. OR ("5841126").URPN.	US_PGPUB; USPAT; USOOR	OR	ON	2006/12/08 10:22
S33	97256	(CMOS OR imager) AND (pad OR pins OR contact OR electrode OR lids)	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/11 12:10
S34	33901	(CMOS OR imager) SAME (pad OR pins OR contact OR electrode OR lids)	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/11 12:11
S35	1753	(CMOS OR imager) SAME (pad OR pins OR contact OR electrode OR lids) SAME amplifier	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/11 12:11
S36	1080	(CMOS OR imager) SAME (pad OR pins OR contact OR electrode OR lids) SAME amplifier SAME output	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/11 12:24
S37	22	(CMOS OR imager) SAME (pad OR pins OR contact OR electrode OR lids) SAME amplifier SAME output SAME camera	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 13:42
S38	61	(CMOS OR imager) SAME (pad OR pins OR contact OR electrode OR lids) SAME amplifier SAME output SAME shift	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/11 15:24

S39	61	(CMOS OR imager) SAME (pad OR pins OR contact OR electrode OR lids) SAME amplifier SAME output SAME shift	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/11 15:24
S40	7207	pads SAME pixel	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 13:41
S41	25	(CMOS OR imager) SAME (pad OR pins OR contact OR electrode OR lids) SAME amplifier SAME output SAME camera	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 13:45
S42	985	(CMOS OR imager) SAME (pad OR pins OR contact OR electrode OR lids) SAME camera	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 13:51
S43	205	(CMOS OR imager) SAME pads SAME camera	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 13:46
S44	8	(CMOS OR imager) SAME (pad OR pins OR contact OR electrode OR lids) SAME low\$4 NEAR2 driv\$4 NEAR2 frequency	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 14:14
S45	144	(CMOS OR imager) SAME (pad OR pins OR contact OR electrode OR lids) SAME low\$4 NEAR2 frequency	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 14:14
S46	37	pads NEAR3 suppl\$4 NEAR2 voltage WITH (imager OR CMOS OR CCD)	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/15 15:06

S47	131205	("348").CLAS.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/15 15:06
S48	166	S47 AND pads SAME input SAME voltage	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/16 08:44
S49	168	pads SAME input SAME voltage SAME shift NEAR2 register	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/15 15:09
S50	131205	("348").CLAS.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/16 08:44
S51	175	S50 AND pads SAME suppl\$6 SAME voltage	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/16 08:45
S52	19	shift ADJ register WITH horizontal WITH vertical WITH advantage	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/16 10:42
S53	37	((FUMIHIRO) near2 (INUI)).INV.	US-PGPUB; USPAT; USOOR	OR	ON	2007/05/16 13:35
S54	30	((MASANORI) near2 (OGURA)).INV.	US-PGPUB; USPAT; USOOR	OR	ON	2007/05/16 13:35
S55	24	((TETSUYA) near2 (ITANO)).INV.	US-PGPUB; USPAT; USOOR	OR	ON	2007/08/01 15:32
S56	63	S53 OR S54 OR S55	US-PGPUB; USPAT; USOOR	OR	ON	2007/05/16 13:36
S57	451	(348/311).COLS.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/16 13:41

S58	819	(348/294).COLS.	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/16 13:42
S59	1680	(257/291,292).COLS.	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/16 13:43
S60	497	(348/340).COLS.	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/16 13:51
S61	462	(348/302).COLS.	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/16 13:53
S62	1041	(348/308).COLS.	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/16 13:54
S63	64	(348/324).COLS.	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/16 13:55
S64	460	(348/311).COLS.	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/01 10:04
S65	840	(348/294).COLS.	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/01 10:04

S66	1771	(257/291,292).OCLS.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/01 10:04
S67	525	(348/340).OCLS.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/01 10:04
S68	473	(348/302).OCLS.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/01 10:04
S69	1088	(348/308).OCLS.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/01 10:04
S70	65	(348/324).OCLS.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/01 10:04
S71	4731	(S64 Or S65 OR S66 OR S67 OR S68 OR S69 OR S70)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2007/08/01 10:04
S72	3177	S71 AND (pad OR pins OR contact OR electrode OR lids)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2007/08/01 10:05
S73	1574	S71 AND (pad OR pins OR contact OR electrode OR lids) AND (CMOS OR imager)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2008/01/30 11:11

S74	372	S71 AND (pad OR pins OR contact OR electrode OR lids) AND (CMOS OR imager) AND shift NEAR2 register	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2007/08/01 10:17
S75	3	"7012635"	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2007/08/01 10:17
S76	23	"6118115"	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2007/08/01 12:10
S77	39	((FUMIHIRO) near2 (INUI)).INV.	US_PGPUB; USPAT; USOOR	OR	ON	2007/08/01 15:32
S78	32	((MASANORI) near2 (OGURA)).INV.	US_PGPUB; USPAT; USOOR	OR	ON	2007/08/01 15:32
S79	24	((TETSUYA) near2 (ITANO)).INV.	US_PGPUB; USPAT; USOOR	OR	ON	2007/08/01 15:33
S80	66	(S77 OR S78 OR S79)	US_PGPUB; USPAT; USOOR	OR	ON	2008/01/30 11:09
S81	210721	("438").CLAS.	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/30 10:18
S82	49832	S81 AND chip	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2008/01/30 10:19
S83	9984	S81 AND chip NEAR3 pack\$4	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2008/01/30 10:21
S84	316	S81 AND chip NEAR3 pack\$4 SAME frequency	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2008/01/30 10:23

S85	33	S81 AND chip SAME vertical NEAR2 pad	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2008/01/30 10:47
S86	218	chip SAME vertical NEAR2 pad	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2008/01/30 10:58
S87	4	chip AND only NEAR2 vertical NEAR2 pad	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2008/01/30 10:58
S88	41	((FUMIHIRO) near2 (INUI)).INV.	US-PGPUB; USPAT; USOOR	OR	ON	2008/01/30 11:09
S89	35	((MASANORI) near2 (OGURA)).INV.	US-PGPUB; USPAT; USOOR	OR	ON	2008/01/30 11:09
S90	27	((TETSUYA) near2 (ITANO)).INV.	US-PGPUB; USPAT; USOOR	OR	ON	2008/01/30 11:09
S91	69	(S88 OR S89 OR S90)	US-PGPUB; USPAT; USOOR	OR	ON	2008/01/30 11:09
S92	493	(348/311).COLS.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/30 11:10
S93	921	(348/294).COLS.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/30 11:10
S94	1875	(257/291,292).COLS	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/30 11:10
S95	573	(348/340) COLS	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/30 11:10

S96	495	(348/302).COLS.	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/30 11:10
S97	1158	(348/308).COLS.	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/30 11:10
S98	69	(348/324).COLS.	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/30 11:10
S99	5066	(S92 Or S93 OR S94 OR S95 OR S96 OR S97 OR S98)	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2008/01/30 11:10
S100	1695	S99 AND (pad OR pins OR contact OR electrode OR lids) AND (CMOS OR imager)	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2008/01/30 11:15
S101	41	((FUMIHIRO) near2 (INUI)).INV.	US_PGPUB; USPAT; USOOR	OR	ON	2008/05/01 20:40
S102	40	((MASANORI) near2 (OGURA)).INV.	US_PGPUB; USPAT; USOOR	OR	ON	2008/05/01 20:40
S103	32	((TETSUYA) near2 (ITANO)).INV.	US_PGPUB; USPAT; USOOR	OR	ON	2008/05/01 20:40
S104	78	(S101 OR S102 OR S103)	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/01 20:40
S105	520	(348/311).COLS.	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/05/01 20:43

S106	969	(348/294).COLS.	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/05/01 20:43
S107	1959	(257/291,292).COLS.	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/05/01 20:43
S108	590	(348/340).COLS.	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/05/01 20:43
S109	507	(348/302).COLS.	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/05/01 20:43
S110	1205	(348/308).COLS.	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/05/01 20:43
S111	71	(348/324).COLS.	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/05/01 20:43
S112	5282	(S105 Or S106 Or S107 Or S108 Or S109 Or S110 Or S111)	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2008/05/01 20:43
S113	5282	(S105 Or S106 Or S107 Or S108 Or S109 Or S110 Or S111)	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2008/05/01 20:46

S114	1783	S113 AND (pad OR pins OR contact OR electrode OR lids) AND (CMOS OR imager)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2008/05/01 20:46
S115	42	((FUMIHIRO) near2 (INUI)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/24 11:41
S116	43	((MASANORI) near2 (OGURA)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/24 11:41
S117	37	((TETSUYA) near2 (ITANO)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/24 11:41
S118	84	(S115 OR S116 OR S117)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/24 11:41
S119	562	(348/311).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/10/24 11:44
S120	1079	(348/294).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/10/24 11:44
S121	2149	(257/291,292).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/10/24 11:44
S122	654	(348/340).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/10/24 11:44
S123	544	(348/302).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/10/24 11:44

S124	1329	(348/308).COLS.	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/10/24 11:44
S125	72	(348/324).COLS.	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/10/24 11:44
S126	5789	(S119 OR S120 OR S121 OR S122 OR S123 OR S124 OR S125)	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2008/10/24 11:44
S127	2019	S126 AND (pad OR pins OR contact OR electrode OR lids) AND (CMOS OR imager)	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2008/10/24 11:44
S128	42	((FUMIHIRO) near2 (INUI)).INV.	US_PGPUB; USPAT; USOOR	OR	ON	2009/04/06 09:24
S129	46	((MASANORI) near2 (OGURA)).INV.	US_PGPUB; USPAT; USOOR	OR	ON	2009/04/06 09:24
S130	42	((TETSUYA) near2 (ITANO)).INV.	US_PGPUB; USPAT; USOOR	OR	ON	2009/04/06 09:24
S131	91	(S128 OR S129 OR S130)	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 09:24
S132	1927	horizontal scanning circuits	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/06 13:44
S133	1251	horizontal scanning circuits SAME vertical scanning circuit	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/06 13:44

S134	334	horizontal scanning circuits SAME vertical scanning circuit SAME amplif\$5	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/06 13:45
S135	12	horizontal scanning circuits SAME vertical scanning circuit SAME amplif\$5 SAME frequenc\$4	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/06 13:51
S136	215	horizontal scanning SAME vertical scanning SAME amplif\$5 SAME frequenc\$4	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/06 14:03
S137	16	horizontal scanning SAME vertical scanning SAME amplif\$5 SAME lower NEAR3 frequenc\$4	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/06 14:03
S138	621	horizontal SAME vertical SAME amplif\$5 SAME lower NEAR3 frequenc\$4	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/06 14:04
S139	9	horizontal WITH vertical WITH amplif\$5 WITH lower NEAR3 frequenc\$4	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/06 14:04
S140	88	horizontal scanning circuits SAME vertical scanning circuit SAME frequenc\$4	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/06 14:05
S141	31	horizontal scanning circuits SAME vertical scanning circuit SAME lower NEAR3 frequenc\$4	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/06 14:05

S142	13	("4323925"   "5436662"   "5694165"   "5742659"   "5896172"   "5969759"   "6337713").PN. OR ("6952228").URPN.	US_PGPUB; USPAT; USOCR	WITH	ON	2009/04/06 14:16
S143	5	horizontal shift register SAME vertical shift register SAME lower NEAR3 frequenc\$4	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/06 14:18
S144	0	plurality NEAR3 horizontal shift register SAME vertical shift register SAME lower NEAR3 frequenc\$4	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/06 14:19
S145	18	plurality NEAR3 horizontal shift register SAME vertical shift register	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/06 14:19
S146	160	plurality NEAR3 (horizontal shift register OR horizontal scanning circuits)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/06 14:20
S147	13	("4323925"   "5436662"   "5694165"   "5742659"   "5896172"   "5969759"   "6337713").PN. OR ("6952228").URPN.	US_PGPUB; USPAT; USOCR	WITH	ON	2009/04/06 14:26
S148	8	("20010030701"   "20020051229"   "5998779"   "6534757").PN. OR ("6801255").URPN.	US_PGPUB; USPAT; USOCR	WITH	ON	2009/04/06 14:28
S149	94	second ADJ (horizontal shift register OR horizontal scanning circuits)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/06 14:33
S150	2	(second OR multiple) ADJ (horizontal shift register OR horizontal scanning circuits) SAME advantage	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/07 08:53

S151	104	(second OR multiple) ADJ (horizontal shift register OR horizontal scanning circuits)	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/07 08:54
S152	23	("4651148"   "4795239"   "4803480"   "4818077"   "4840462"   "4909602"   "4973135"   "5014048"   "5105288"   "5113181").PN. OR ("5694145").URPN.	US_PGPUB; USPAT; USOOR	WITH	ON	2009/04/07 08:56
S161	288	(multiple OR plurality OR second) NEAR5 horizontal ADJ (shift ADJ register OR scanning ADJ circuit\$4)	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2009/04/07 10:54
S162	135	(multiple OR plurality OR second) ADJ horizontal ADJ (shift ADJ register OR scanning ADJ circuit\$4)	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2009/04/07 10:55
S163	18	"5436662"	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2009/04/07 10:57
S164	19	"6337713"	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2009/04/07 10:59
S165	8	("20010030701"   "20020051229"   "5998779"   "6534757").PN.	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2009/04/07 11:04
S166	8	("20010030701"   "20020051229"   "5998779"   "6534757").PN. OR ("6801255").URPN.	US_PGPUB; USPAT; USOOR	WITH	ON	2009/04/07 11:06

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